

## ABSTRACT

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5 This invention relates to an electrical device for self-clocked controlled pseudo random noise (PN) sequence generation and comprising a plurality of sequence generation means adapted to:

- output a plurality of sequence values ( $Z_t$ ) on the basis of a plurality of clock values ( $C_t$ ),

wherein said electrical device further comprises:

- 10 • step pattern generation means (202) adapted to select a step pattern, comprising said plurality of clock values ( $C_t$ ), from a plurality of possible step patterns on the basis of a step pattern select signal ( $W_t$ ).

15 Hereby, a flexible and efficient self-clocked controlled pseudo random noise (PN) sequence generation is obtained.

This invention also relates to a method of self-clocked controlled pseudo random noise (PN) sequence generation.

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Figure 2 should be published.